

CMS User Manual

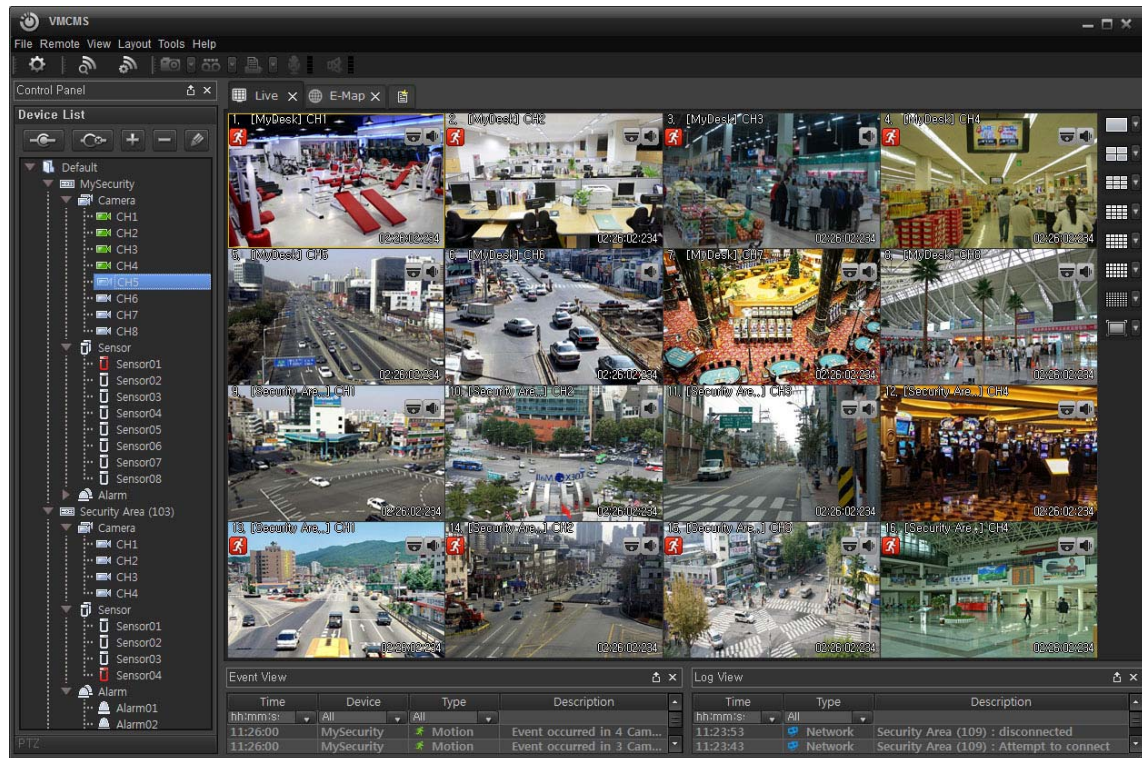
Revision 1.0

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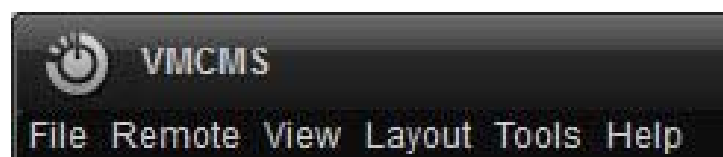
VMCMS

Screen Configuration



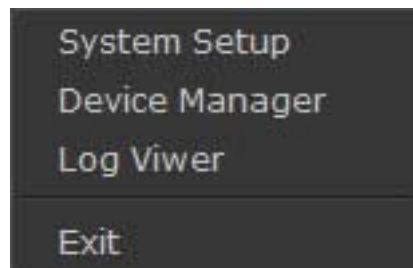
Menu

Can setup and control each feature and function in detail menu like below



- A. File : Can Set and manage CMS, Device List and Log
- B. Remote : Can Set and manage Remote Setup and Remote Search.
- C. View : Can Set and manage Tool Bar & Panel.
- D. Layout : Can Set and manage Layout of Screen(Screen Division)
- E. Tool : Can Set and manage Tool Menu of Setup.
- F. Help : Show current CMS Version and Status.

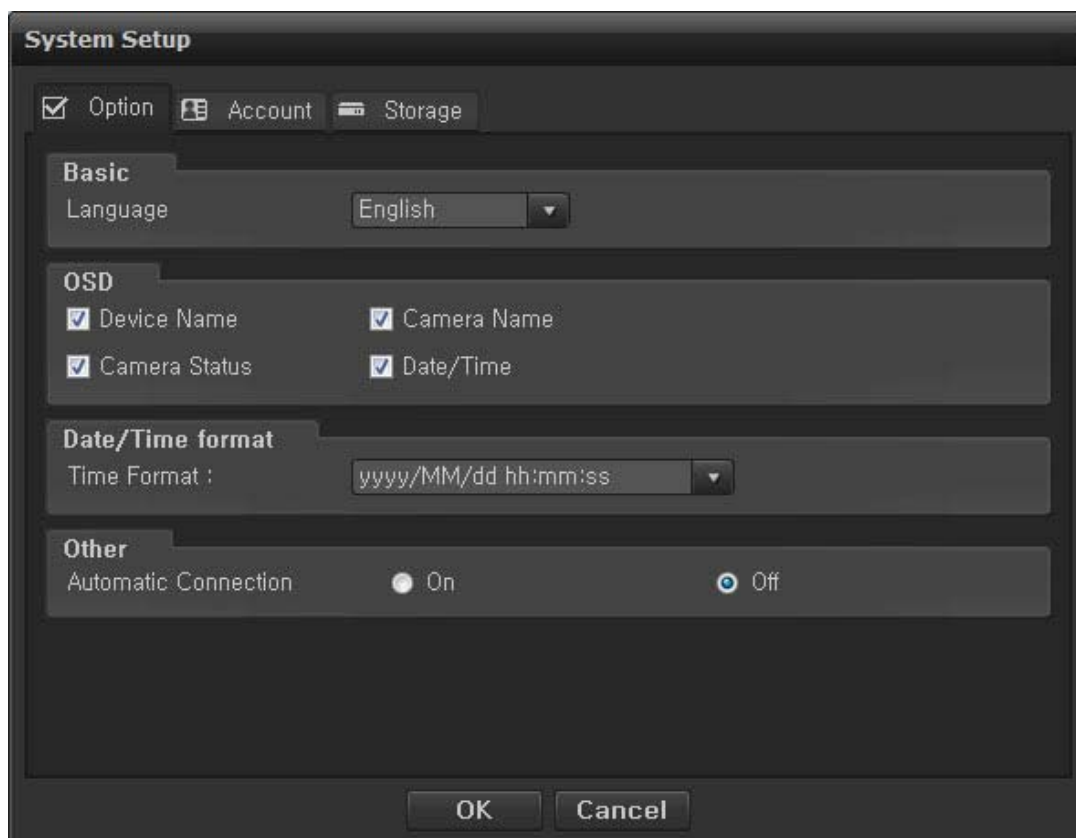
File



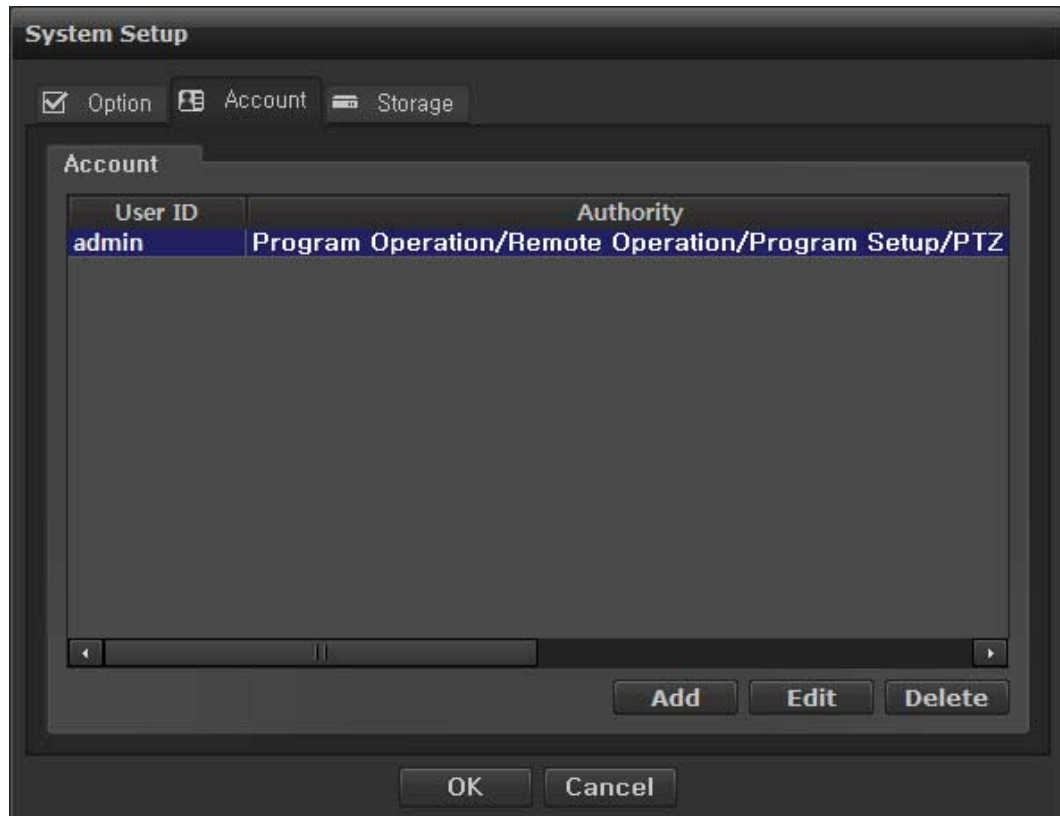
- A. System Setup : Can Set and manage Language, OSD, User Information, and etc in Dialog Window.
- B. Device Manager : Can Set and Manage Devices(Add/Edit/Delete) to connect with CMS.
- C. Log Viewer : Can Set and Manage Log View.
- D. Exit : Exit.

1. System Setup

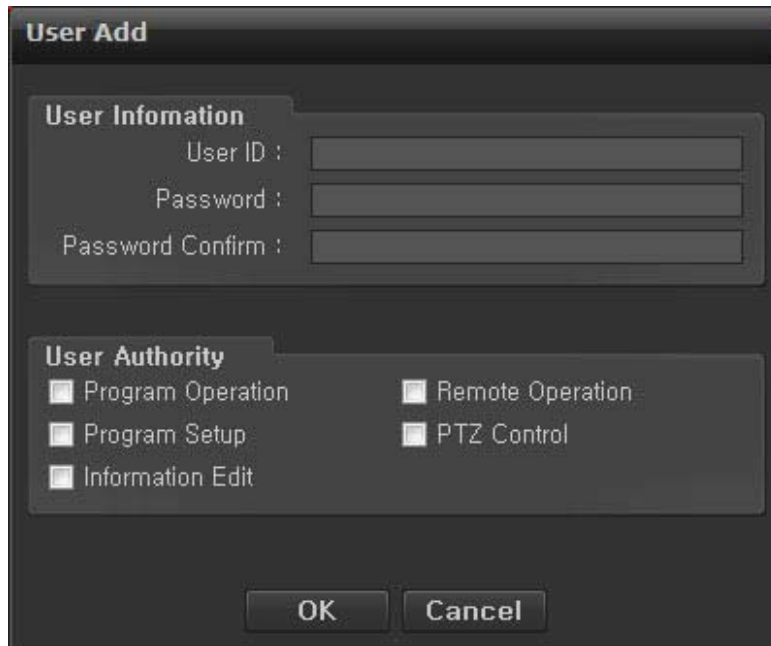
- Option



- A. Language – Set Language in DVRs.
 - B. OSD – Set OSD.
 - C. Date/Time Setup – Set Date/Time & it's Format.
 - D. Automatic Connection – Set Automatic Connection of CMS to Devices (DVRs).
- Account
- Set Account of Users (Add/Edit/Delete) and information.



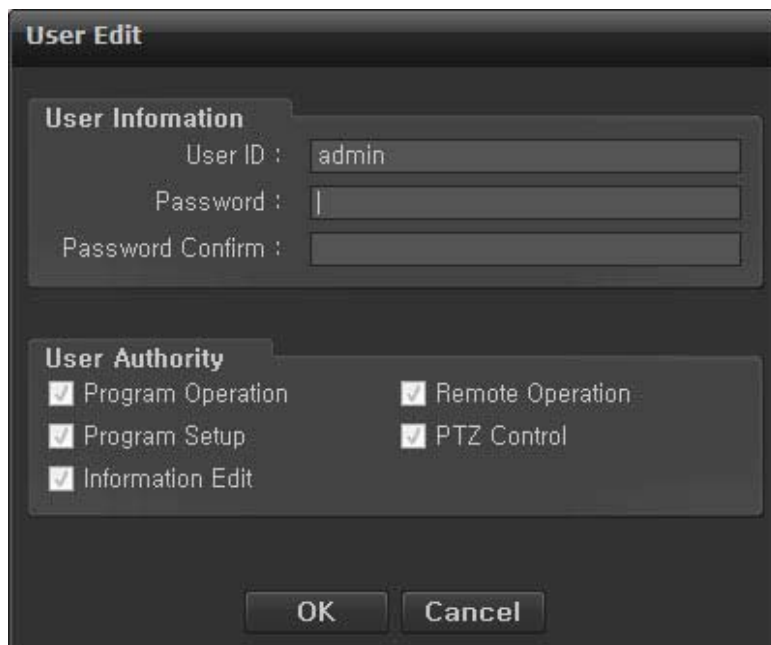
A. Account Add – Can Add User.



The 'User Add' dialog box is a dark-themed window with a title bar. It contains two main sections: 'User Information' and 'User Authority'. The 'User Information' section has three text input fields labeled 'User ID', 'Password', and 'Password Confirm'. The 'User Authority' section contains five checkboxes arranged in two columns: 'Program Operation', 'Remote Operation', 'Program Setup', 'PTZ Control', and 'Information Edit'. At the bottom are 'OK' and 'Cancel' buttons.

- User Information – Set User ID/Password.
- User Authority – Set each user's Authority for each function like above.

B. User Edit – Can Edit User .

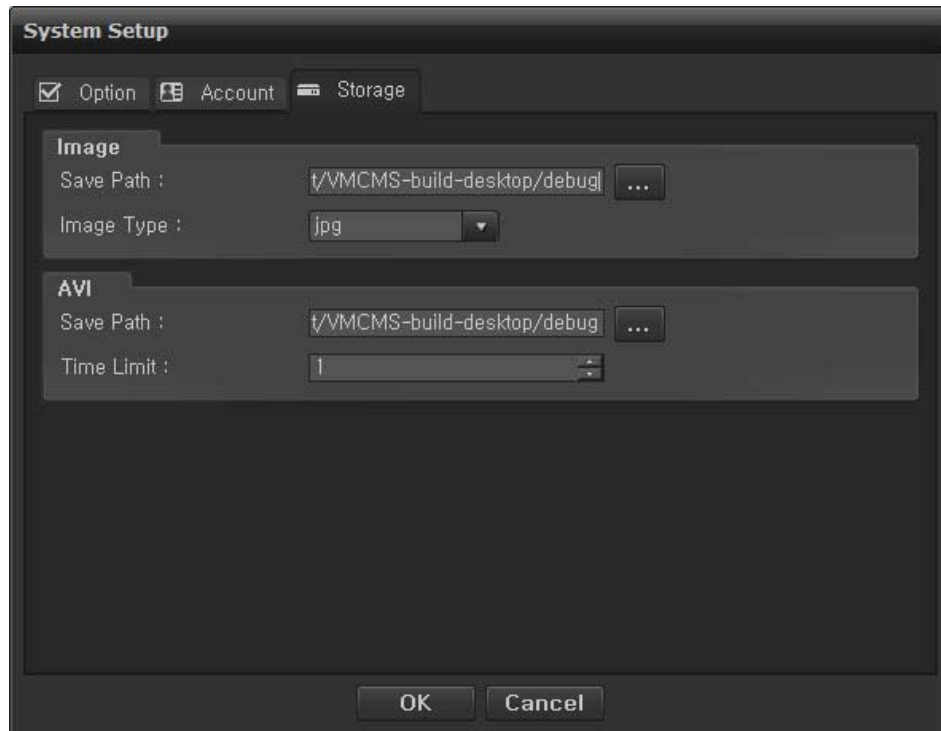


The 'User Edit' dialog box is a dark-themed window with a title bar. It contains two main sections: 'User Information' and 'User Authority'. The 'User Information' section has three text input fields labeled 'User ID', 'Password', and 'Password Confirm'. The 'User ID' field contains the text 'admin'. The 'User Authority' section contains five checkboxes arranged in two columns: 'Program Operation', 'Remote Operation', 'Program Setup', 'PTZ Control', and 'Information Edit'. All checkboxes are checked. At the bottom are 'OK' and 'Cancel' buttons.

- User Information – Edit User ID/Password.
- User Authority – Edit each user's Authority for each function like above.

C. User Edit – Can Delete User.

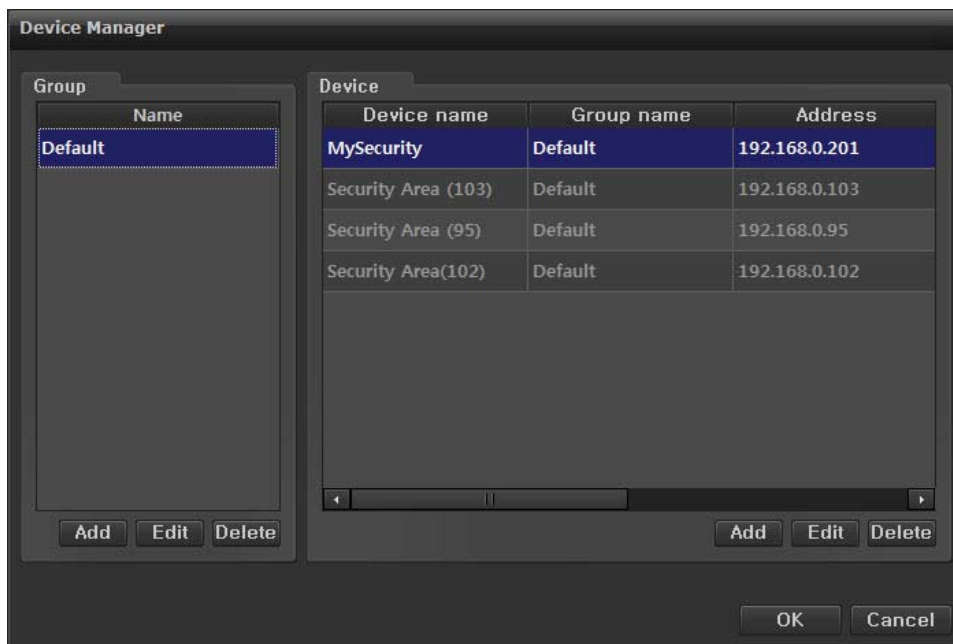
- Storage Setup



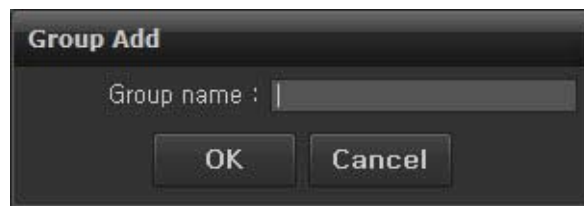
- A. Save Path – Set Path(directory or folder) to save Image, and Image Type(Jpg/BMP file).
- B. AVI – Set Path(directory or folder) to save AVI file, and Time Limit to save.(Max. 99 Min)

2. Device Manager

Can Set and manage details of connected Devices (DVRs in remote site)

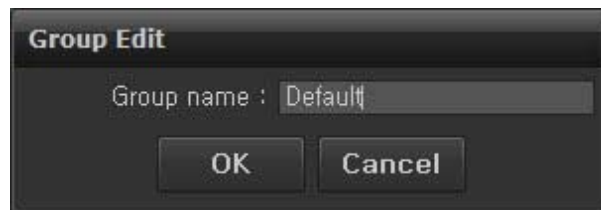


A. Group –Add Group.



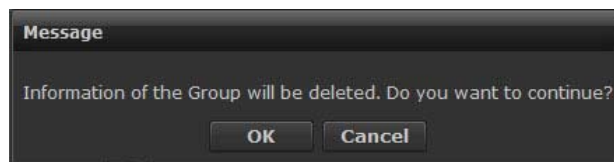
A dialog box titled "Group Add" with a dark background. It contains a text input field labeled "Group name :". Below the input field are two buttons: "OK" and "Cancel".

B. Group Edit – Edit Group.



A dialog box titled "Group Edit" with a dark background. It contains a text input field labeled "Group name :" with the text "Default" inside. Below the input field are two buttons: "OK" and "Cancel".

C. Group Delete – Delete Group.



A dialog box titled "Message" with a dark background. It contains a text area with the message "Information of the Group will be deleted. Do you want to continue?". Below the text area are two buttons: "OK" and "Cancel".

D. Device Add – Add Devices.

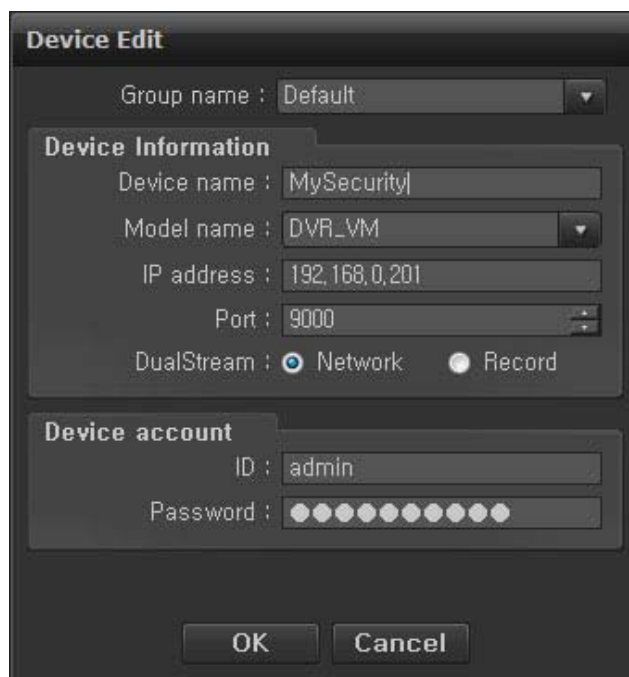


A dialog box titled "Device Add" with a dark background. It contains a dropdown menu labeled "Group name :" with "Default" selected. Below this is a section titled "Device Information" with the following fields: "Device name :" (text input), "Model name :" (dropdown menu with "DVR_VM" selected), "IP address :" (text input), "Port :" (text input with "9000" and increment/decrement buttons), and "DualStream :" (radio buttons for "Network" and "Record", with "Network" selected). Below the "Device Information" section is a section titled "Device account" with "ID :" (text input) and "Password :" (text input). At the bottom are two buttons: "OK" and "Cancel".

a. Group Name – Set Device Name to manage in each group.

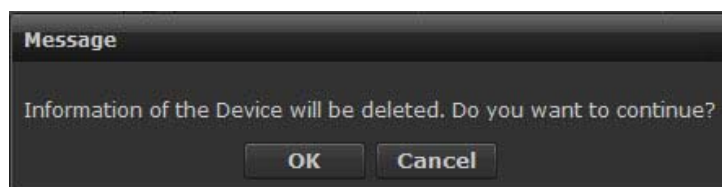
- b. Device Information – Set Device Name/Model Name/IP Address/Port/Dual Stream.
- c. Device Account – Set Device's (DVR) registered ID/Password.

E. Device Edit – Edit Device information like below.



The 'Device Edit' dialog box is shown with a dark theme. At the top, 'Group name' is set to 'Default'. Below this is the 'Device Information' section, which includes fields for 'Device name' (MySecurity), 'Model name' (DVR_VM), 'IP address' (192.168.0.201), 'Port' (9000), and 'DualStream' (Network selected, Record unselected). The 'Device account' section at the bottom has 'ID' set to 'admin' and a masked 'Password' field. 'OK' and 'Cancel' buttons are at the bottom.

F. Delete Device – Delete Device. In <Delete>, warning message like below will be shown to confirm.



A 'Message' dialog box with a dark theme. The text inside reads: 'Information of the Device will be deleted. Do you want to continue?'. At the bottom are 'OK' and 'Cancel' buttons.

3. Log View

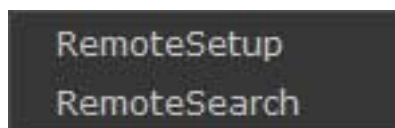
Set and Manage System Log View. (Refer to Manual's System Log).

4. Exit

Exit VMCMS.

Remote

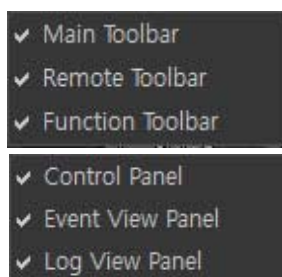
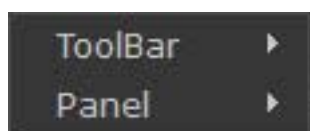
Can connect setup Remote Devices(DVRs) and Set <Remote Setup> and <Remote Search> in each SW .



- A. Remote Setup : Run <Remote Setup> SW(Window).
- B. Remote Search : Run <Remote Search> SW(Window).

View

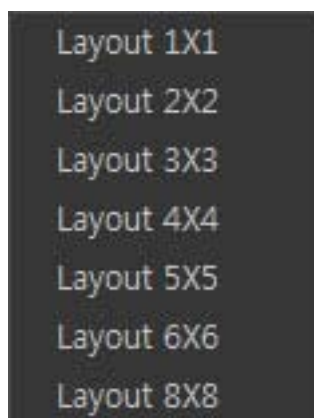
Can Set each <Tool Bar> and <Panel> to be shown or not in CMS main Screen.



- A. Tool Bar : Make each <Tool Bar> viewed or not.
- B. Panel : Make each <Panel> viewed or not.

Layout

Can Set and manage Layout of Screen(Screen Division).



Layout – Set Layout of Sreen.(Max. 64 Division)

Tool

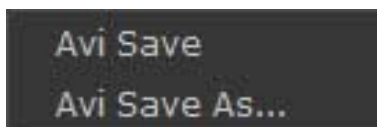


1. Save Jpeg



- A. JPEG Save : Set directory(folder) to save Jpeg file.
- B. Jpeg Save As: Set other directory(folder) to save Jpeg file.

2. AVI Save



- A. Avi Save : Set directory(folder) to save AVI file.
- B. AVI Save As: Set other directory(folder) to save AVI file.

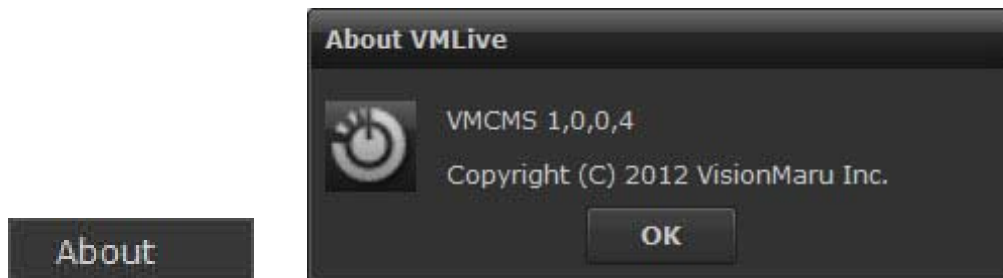
3. Print



- A. Quick Print : Print quickly wanted CH image in default Printer.
- B. Print... : Show connected printers and print Image in wanted Printer.

Help

Show VMCMS Version and Copy right like below.



Tool Bar



- A. Setup
- B. Remote Setup/Search
- C. Tools

Setup Tool Bar

Can run and set System Setup Menu.



Remote Tool Bar

Can Run and set <Remote Setup> & <Remote Search> SW.



- A. Remote Search : Run <Remote Search> SW.
- B. Remote Setup : Run <Remote Setup> SW.

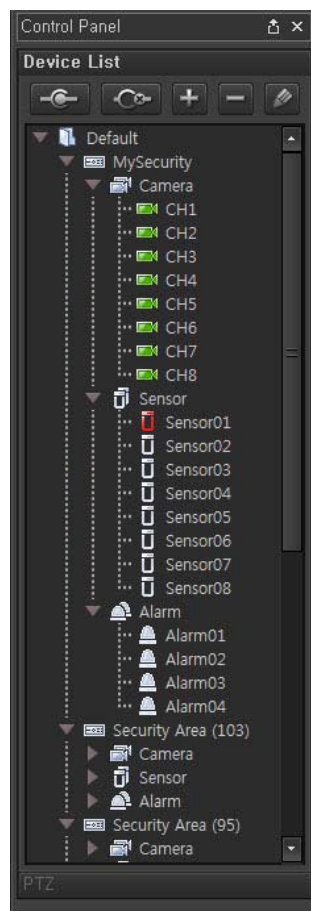
Tools

Can run and setup major functions in CMS by just clicking each Tool Icon



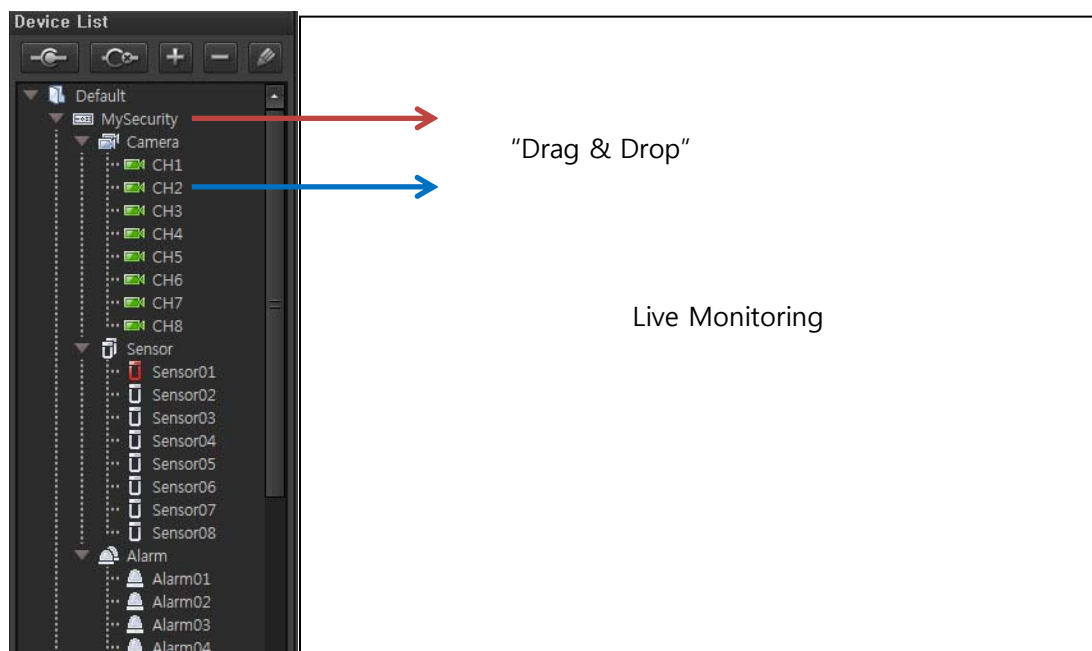
- A. JPEG Save : Save JPEG Image.
- B. AVI Save : Save AVI Image.
- C. Quick Print : Print quickly wanted CH image in default Printer.
- D. Mute : Mute Audio.
- E. Dual Audio(Microphone/Speaker) : Re Request Dual-Audio to DVR, and blinking till DVR accept that signal. When connected, users can use Microphone.

Control Panel
















- A. Device List –Show and Manage connected Devices (Camera/Sensor/Alarm) in Panel List.
- B. PTZ – Run PTZ control Panel.

Device List



Just Drag & Drop the Connected Devices to Live Screen to Monitor and View

- A.  Connect : Connect registered Device to CMS.
- B.  Disconnect : Disconnect Devices.
- C.  Add : Add Device to CMS.
- D.  Delete : Delete Device in CMS.
- E.  Edit : Delete Device in CMS.
- F. List : Shows all connected Devices in the list like below.
 - a.  Site: Show Connected Sites in Folder Icon
 - b.  Device : Show Connected Devices in Device Icon (Just Drag & Drop the Connected Devices to Live Screen to Monitor while connection)
 - c.  Camera : Show Connected Cameras in Camera Icon (Just Drag & Drop the Connected each Camera to wanted Live Screen position to Monitor while connection).
 - i.  Camera : In Events, it is blinking.

- d.  Sensor : Show connected Sensor
 - ii.  Sensor : In Events, it is blinking..
- e.  Alarm : Show connected Alarms
 - iii.  Alarm: In Events, it is blinking.

PTZ Panel



1. PTZ Setup



- A. Direction Buttons: PTZ direction control buttons. By clicking Jog Button in the middle, users can control Direction.



- B. Zoom : Zoom In/Out..



- C. Focus : Focus Control.

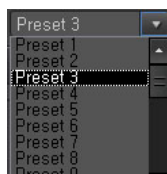


- D. Iris : Iris Control..




- E. PTZ Speed Bar : PTZ speed Control Bar.

2. Preset

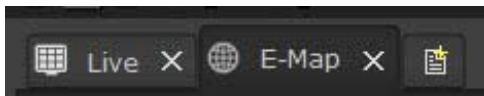




A. Position : Select & Set Preset Number.

B.  Set : Set Preset in wanted Directions, and save it as wanted Preset Number.

C.  Move : Can move to setup Preset

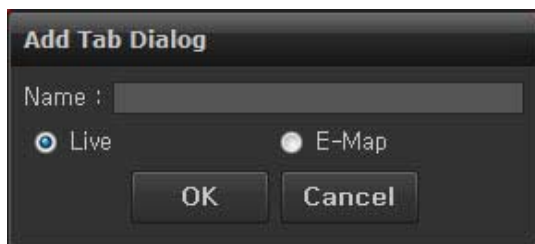
Screen Tab Panel



- A.  Delete : Delete Tab.
- B.  Add : Add Tab.

When adding Tab, Dialog Box will be shown <Live/E-Map>.

**** In Each Tab, users can Set and Manage new Live & E-Map for wanted Device Group.**

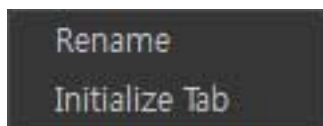


- a. Name – Set new Tab Name.
- b. Type – Set and Manage Live or E-Map Tab.

Tab Menu

1. Live Tab Menu

By clicking right button of mouse in <Live Tab>, menu below will be shown.




- A. Rename – Rename Tab Name.
- B. Initialize Tab – Initialize Tab Setup Values.

2. E-Map Tab Menu

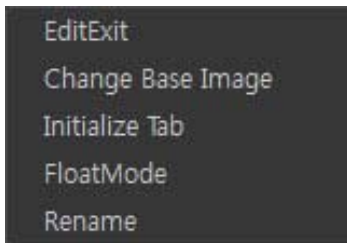
By clicking right button of mouse in <Live Tab>, menu below will be shown.


- In <Live Monitoring>, quick menu will be shown.



- A. Edit Mode – Edit Tab.
- B. Float – Separate(Float) current <Live Monitoring> Tab
 In clicking this, <Float> mode return to Fixed Tab.
- C. Rename – Rename Current Tab Name.

In <Edit>, quick menu will be shown







- A. Edit Exit – End Edit Mode and return to normal model.
- B. Change Base Image – Change E-Map background Image.
- C. Initialize Tab – Initialize E-Map Setup Values.
- D. Float Mode – Float – Separate(Float) current <Live Monitoring> Tab
 In clicking this, <Float> mode return to Fixed Tab..
- E. Rename – Rename Current Tab Name.

Live Monitoring

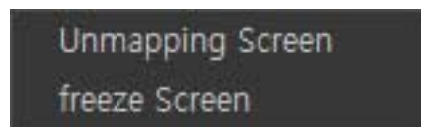


Video OSD(Icon)

- A. Camera Name – Shows Camera Name(Title).
- B.  Motion Detection – Shown when Motion is detected.
- C.  Dual Streaming – When Recording FPS is transmitted in Remote, DSR(Dual Streaming) is shown. (Refer to Dual Streaming Record/Network)
- D.  PTZ – Show PTZ Camera(Connected)
- E.  Audio – Show Audio Status
- F. Time – Show Current Time

Context Menu

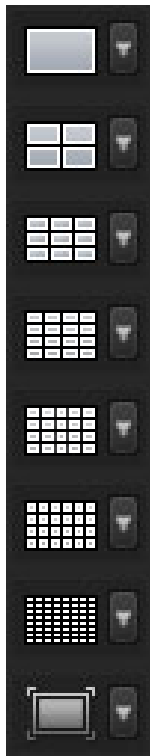
Can Set and Manage Menu by clicking the right button of mouse.



- A. Delete current Live Video in wanted CH.
- B. Freeze Video.

Screen Division

Set and Manage Screen Division.



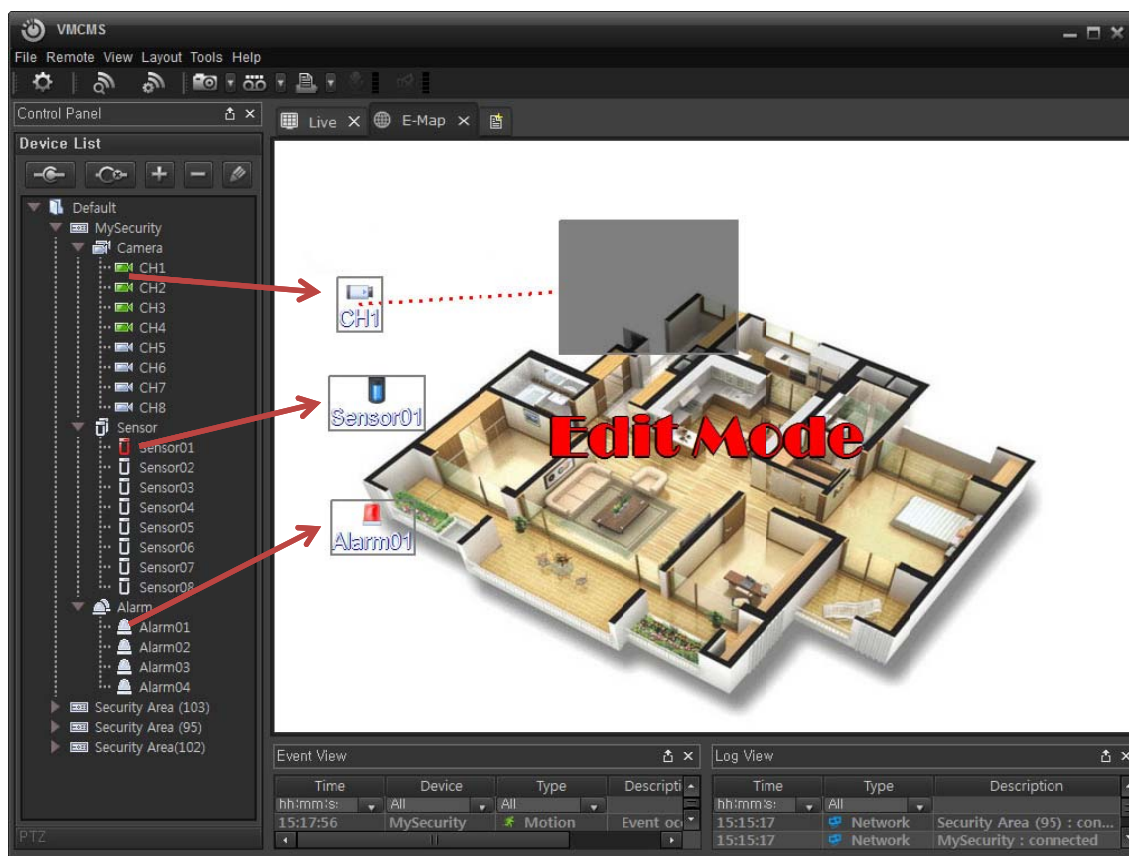
Layout - 1x1, 2x2, 3x3, 4x4, 5x5, 6x6, 8x8 , Full Screen

Each button has a menu on the right side, you can go directly to the selected page layout.

E-Map


Edit Mode

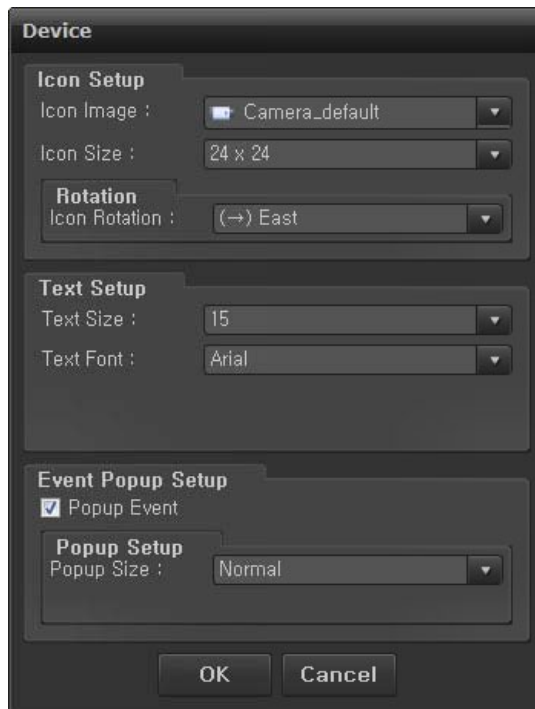
In <Edit Mode>, users can set (Add/Delete/Move) Camera/Sensor/Alarm Icons in each Background Image(Blue Print).



1. Icon Positioning

By just Drag & Drop, users move each icon to any position.

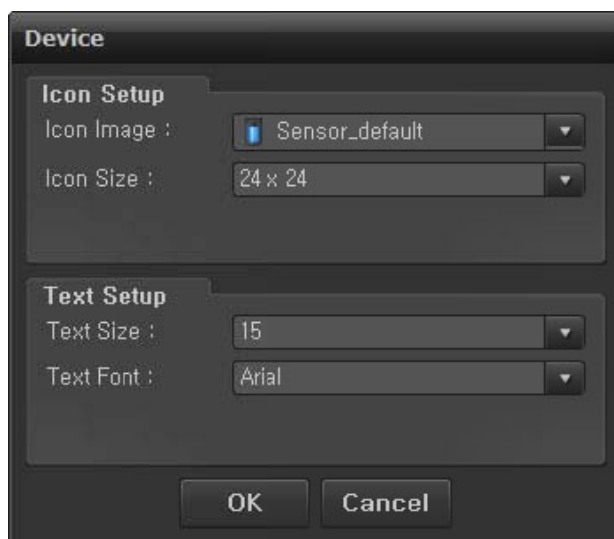
- I.  Camera – Position Pop-Up Camera(Video).
(By clicking Icon or Pop-Up Video, users can see Dialog Box below)



- A. Icon Setup – Set Icon Image/Size.
- B. Rotation – Set Rotation of Icon.
- C. Text Setup – Set Icon's font and size.
- D. Event Pop-Up – Set Events for Pop-up Video.
- E. Pop-up Size – Set Pop-Up window Size.

II. Sensor

(By clicking Icon, users can see Dialog Box below.)

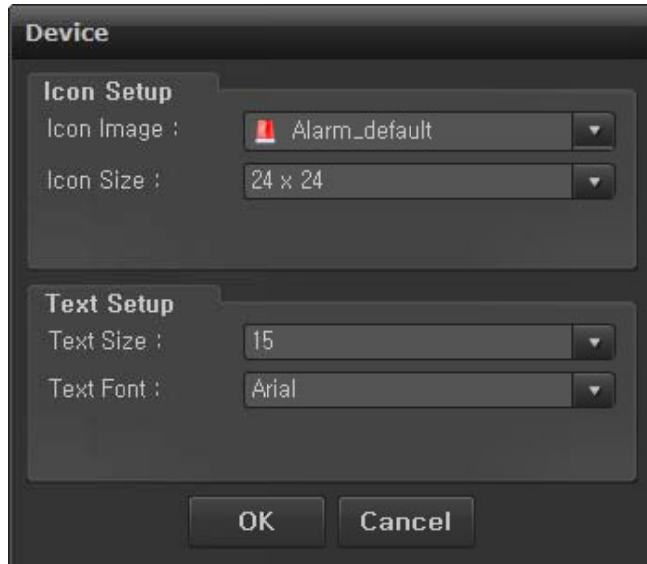


- A. Icon Setup – Set Icon Image/Size.

- B. Text Setup – Set Icon's font and size.

III. Alarm

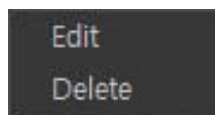
(By clicking Icon, users can see Dialog Box below.)



- A. Icon Setup – Set Icon Image/Size.
- B. Text Setup – Set Icon's font and size.



2. Delete Icon

By clicking Icon or Pop-Up, users can see Dialog Box below.



- A. Edit – Run <Edit Mode>.
- B. Delete – Delete Icon.

Icons in Monitoring Mode

1.  Camera – In Events  is blinking
2. Fix Pop-Up Video

By double-clicking Icon, users can Fix Icon be shown always.





Context Menu

By clicking right button of mouse, user can run Context Menu for quick setup of each icon.



A. Pop-Up Size – Set Pop-Up Video Window Size.

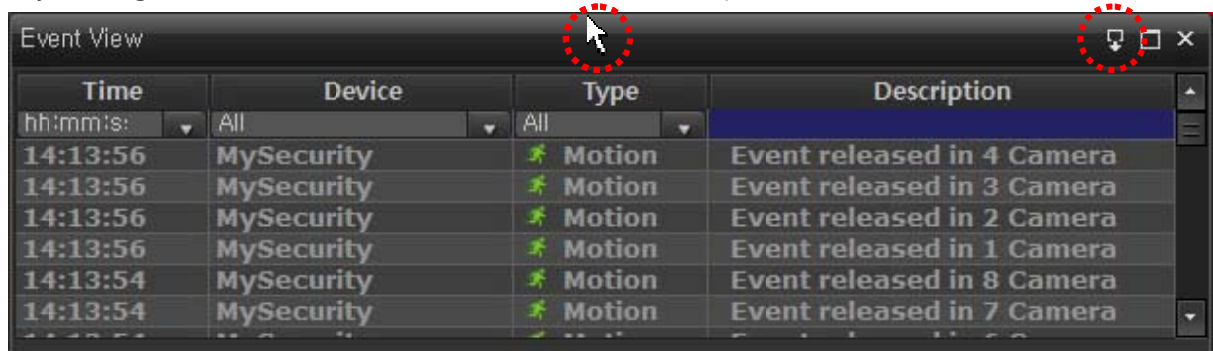
B. Pop-Up Fix – Fix Pop-up Video(shown always).

- a.  Sensor – In Events  is blinking.
- b.  Alarm - – In Events  is blinking

Events Status Panel

In Event Status Panel, users can check and manage all Events at a glance.

By clicking <Event View> or <Float> button, users can separate this Panel.

A screenshot of the 'Event View' panel. It has a title bar with a maximize button (circled in red) and a close button. Below the title bar is a table with four columns: 'Time', 'Device', 'Type', and 'Description'. Each column has a dropdown menu. The 'Time' dropdown is set to 'hh:mm:ss'. The 'Device' dropdown is set to 'All'. The 'Type' dropdown is set to 'All'. The table contains six rows of event data. The first three rows are for 'Motion' events at 14:13:56, and the last three rows are for 'Motion' events at 14:13:54. A mouse cursor is pointing at the 'Event View' title bar.

| Time | Device | Type | Description |
|----------|------------|--------|----------------------------|
| 14:13:56 | MySecurity | Motion | Event released in 4 Camera |
| 14:13:56 | MySecurity | Motion | Event released in 3 Camera |
| 14:13:56 | MySecurity | Motion | Event released in 2 Camera |
| 14:13:56 | MySecurity | Motion | Event released in 1 Camera |
| 14:13:54 | MySecurity | Motion | Event released in 8 Camera |
| 14:13:54 | MySecurity | Motion | Event released in 7 Camera |

A. Time – Set Time Format.

B. Device – Set Device List Format.

C. Type – Set Events Type to be shown.



Motion

It is activated in motion detection.

Check in each CH.



Sensor

It is activated in Sensor detection.

Check in each CH.



Video Loss

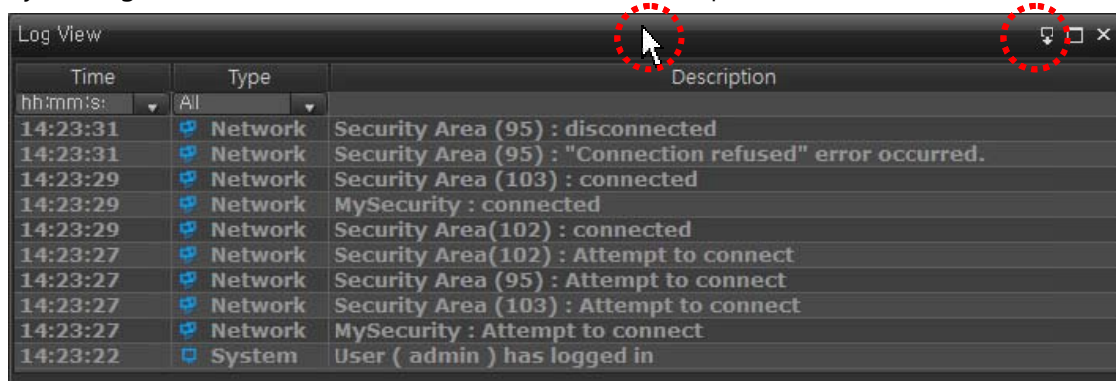
It is activated in Video Loss detection.

Check in each CH.

Log Panel

Check and Manage all Logs while running CMS.

By clicking <Event View> or <Float> button, users can separate this Panel



| Time | Type | Description |
|-------------|---------|---|
| hh:mm:ss: ▾ | All ▾ | |
| 14:23:31 | Network | Security Area (95) : disconnected |
| 14:23:31 | Network | Security Area (95) : "Connection refused" error occurred. |
| 14:23:29 | Network | Security Area (103) : connected |
| 14:23:29 | Network | MySecurity : connected |
| 14:23:29 | Network | Security Area(102) : connected |
| 14:23:27 | Network | Security Area(102) : Attempt to connect |
| 14:23:27 | Network | Security Area (95) : Attempt to connect |
| 14:23:27 | Network | Security Area (103) : Attempt to connect |
| 14:23:27 | Network | MySecurity : Attempt to connect |
| 14:23:22 | System | User (admin) has logged in |

- A. Time – Set Time Format.
- B. Type – Set Log Type to shown and manage.

Appendix

SYSTEM REQUIREMENT

| | Min | Recommended |
|-----|-------------------------------------|-----------------------------------|
| O/S | Windows XP, Vista, 7 / MAC | Windows XP, Vista, 7 / MAC |
| CPU | Intel Pentium4 Dualcore 1.8GHz Over | Intel Pentium Core i5 2.8GHz Over |
| RAM | 1G | 3G Over |
| VGA | 64M | 512M Over |
| LAN | 10/100Base-T | 1000Base-T |

SPECIFICATION

| Item | SPEC |
|-----------------------|-----------------------------|
| OS | Windows XP,Vista,7 / Mac OS |
| Live Monitoring CH | 64 CH |
| Remote Monitoring | Yes |
| Remote Search | Yes |
| Remote PTZ | Yes |
| Dual-Audio | Yes |
| Max Connectible Sites | 256 Sites |
| Resolution | Min:1024*768 /Max: ~ |
| Multi Monitors | Yes |
| E-MAP | Yes |
| E-MAP PIP | 16CH |
| Real-Time EVENT VIEW | Yes |
| Log & Events | Max 3000 |
| Image Out | Jpg / AVI / Print |